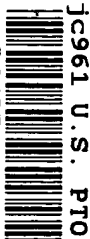


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PTO/SB/05 (08-00)

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 C.F.R. 1.53(b))	Attorney Docket No. 87312.000003	
	First Inventor	Ward Beryl Bowen, Jr.
	Title	A METHOD AND COMPOSITION FOR THE ACCELERATED IN VIVO REMOVAL OF ETHANOL
	Express Mail Label No.	ET193808170US

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	
2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	
3. <input checked="" type="checkbox"/> Specification [Total Pages 21] (preferred arrangement set forth below) <ul style="list-style-type: none">- Descriptive title of the Invention- Cross References to Related Applications- Statement Regarding Fed sponsored R & D- Reference to sequence listing, a table, or a computer program listing appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claim(s)- Abstract of Disclosure	
4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 2]	
5. Oath or Declaration [Total Pages 2] <ul style="list-style-type: none">a. <input checked="" type="checkbox"/> Newly executed (original or copy)b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. 1.63(d)) (for continuation/divisional with Box 17 completed)<ul style="list-style-type: none">i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).	
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	
7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) <ul style="list-style-type: none">a. <input type="checkbox"/> Computer Readable Copy (CRF)b. Specification Sequence Listing on:<ul style="list-style-type: none">i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); orii. <input type="checkbox"/> paperc. <input type="checkbox"/> Statement verifying identity of above copies	
9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	
10. <input type="checkbox"/> 37 C.F.R. 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney	
11. <input type="checkbox"/> English Translation Document (if applicable)	
12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations	
13. <input type="checkbox"/> Preliminary Amendment	
14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)	
15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)	
16. <input type="checkbox"/> Other: _____	

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

<input type="checkbox"/> Continuation	<input type="checkbox"/> Divisional	<input type="checkbox"/> Continuation-in-part (CIP)	of prior application No.:
Prior application information:		Examiner:	Group/Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS			
<input checked="" type="checkbox"/> Customer Number of Bar Code Label		or	<input type="checkbox"/> Correspondence address below
Name _____			
Address _____			
City _____	State _____	Zip Code _____	
Country _____	Telephone _____	Fax _____	

Name (Print/Type)	Brian B. Shaw	Registration No. (Attorney/Agent)	33,782
Signature		Date	June 7, 2001

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**FEE TRANSMITTAL
for FY 2000**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT \$584**Complete if Known**

Application Number	
Filing Date	
First Named Inventor	Ward Beryl Bowen, Jr.
Examiner Name	
Group Art Unit	
Attorney Docket Number	87312.000003

METHOD OF PAYMENT (check one)

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number **033875**Deposit Account Name **HARTER, SECREST & EMERY LLP**

- ☒
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- ☒
- Applicant claims small entity status. See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:**

- ☒
- Check
- ☐
- Credit card
- ☐
- Money Order
- ☐
- Other

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Description	Fee Paid
105	201	355	Utility filing fee	\$355.00
106	206	160	Design filing fee	
107	207	245	Plant filing fee	
108	208	355	Reissue filing fee	
114	214	75	Provisional filing fee	

SUBTOTAL (1) \$355.00**2. EXTRA CLAIM FEES**

Extra claims	Fee from below	Fee Paid
Total Claims 41 -20**= 21 X 9 =	\$189	
Independent Claims 4 -3 = 1 X 40 =	\$40	
Multiple Dependent		

**or number previously paid, if greater, For Reissues, see below

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Description	Fee Paid
103	203	9	Claims in excess of 20	
102	202	40	Independent claims in excess of 3	
104	204	135	Multiple dependent claim, if not paid	
109	209	40	** Reissue independent claim over original patent	
110	210	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) \$229**FEE CALCULATION (check one)****3. ADDITIONAL FEES**

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
105	205	65	Surcharge - late filing fee or oath	
127	227	25	Surcharge - late provisional filing fee or cover sheet	
139	139	130	Non-English specification	
147	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	112	920*	Requesting publication of SIR prior to Examiner action	
113	113	1,840*	Requesting publication of SIR after Examiner action	
115	215	55	Extension for reply within first month	
116	216	195	Extension for reply within second month	
117	217	445	Extension for reply within third month	
118	218	695	Extension for reply within fourth month	
128	228	945	Extension for reply within fifth month	
119	219	155	Notice of Appeal	
120	220	155	Filing a brief in support of an appeal	
121	221	135	Request for oral hearing	
138	138	1,510	Petition to institute a public use proceeding	
140	240	55	Petition to revive - unavoidable	
141	241	620	Petition to revive - unintentional	
142	242	620	Utility issue fee (or reissue)	
143	243	220	Design issue fee	
144	244	300	Plant issue fee	
122	122	130	Petitions to the Commissioner	
123	123	50	Petitions related to provisional applications	
126	126	240	Submission of Information Disclosure Stmt	
581	581	40	Recording each patent assignment per property (times number of properties)	
146	246	3655	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	279	355	Request for Continued Examination (RCE)	
169	169	900	Request for expedited examination of a design application	

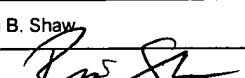
Other fee (specify) _____

SUBTOTAL (3) (\$)

* Reduced by Basic Filing Fee Paid

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Brian B. Shaw	Registration No. (Attorney/Agent)	33,782	Telephone	543 232-6500
Signature		Date	June 7, 2001		

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